

Title: Methods, Compositions and Kits for Biological  
 Indicator of Sterilization Inventors: Ira Cecil  
 Felkner, et al. Appln. No.: 10/091,260  
 Atty Docket No. 61-2US Cust. No. 000570

Copyright © 2002  
 by Ira Cecil Felkner, et al.

100912601

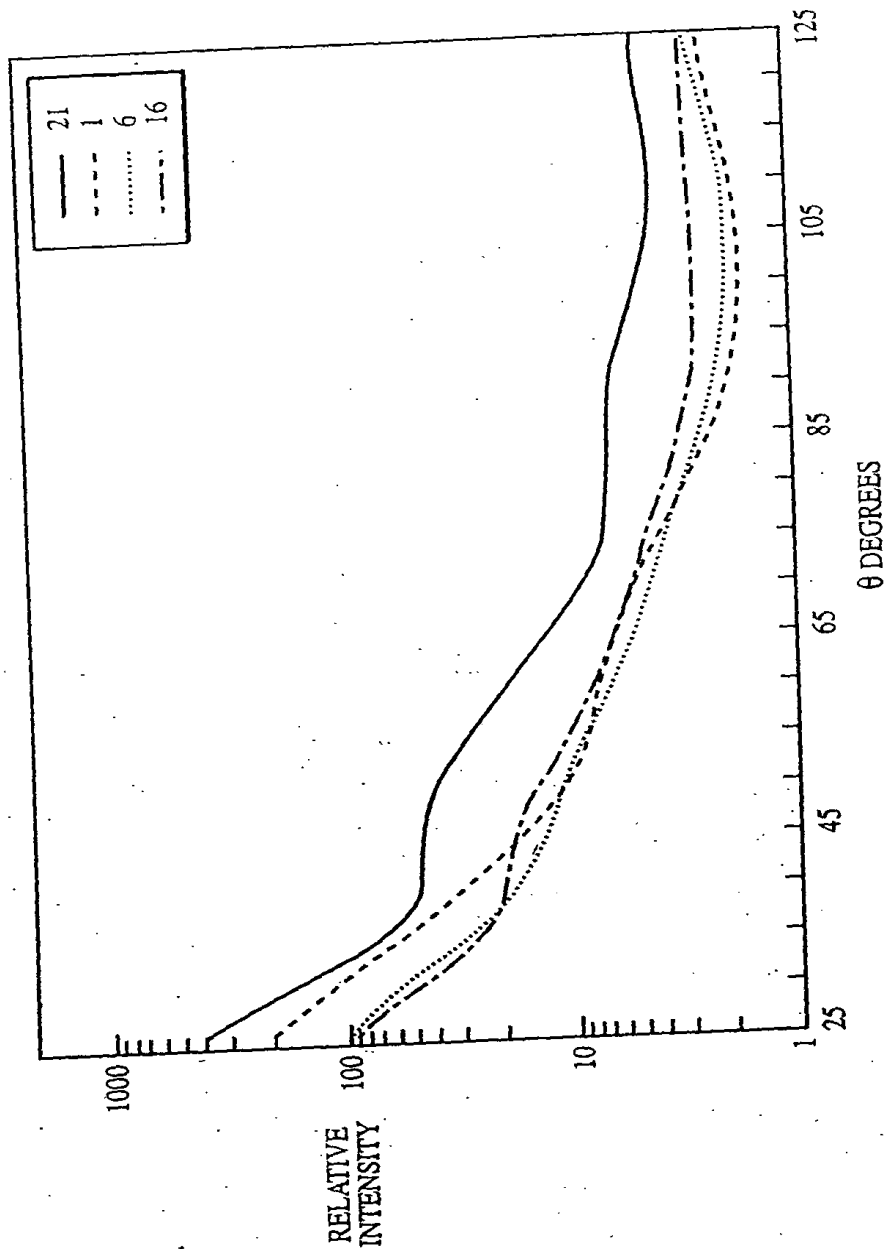


Fig. 1



#4

Title: Methods, Compositions and Kits for Biological

THE UNIVERSITY OF CHICAGO

[illegible]

A circular ink stamp from the Intellectual Property Office (IPO) of the United Kingdom. The text "OIPM" is at the top, "AUG 26 2002" is in the center, and "IC147 INVENT &amp; TRADEMARK OFFICE" is around the bottom edge.

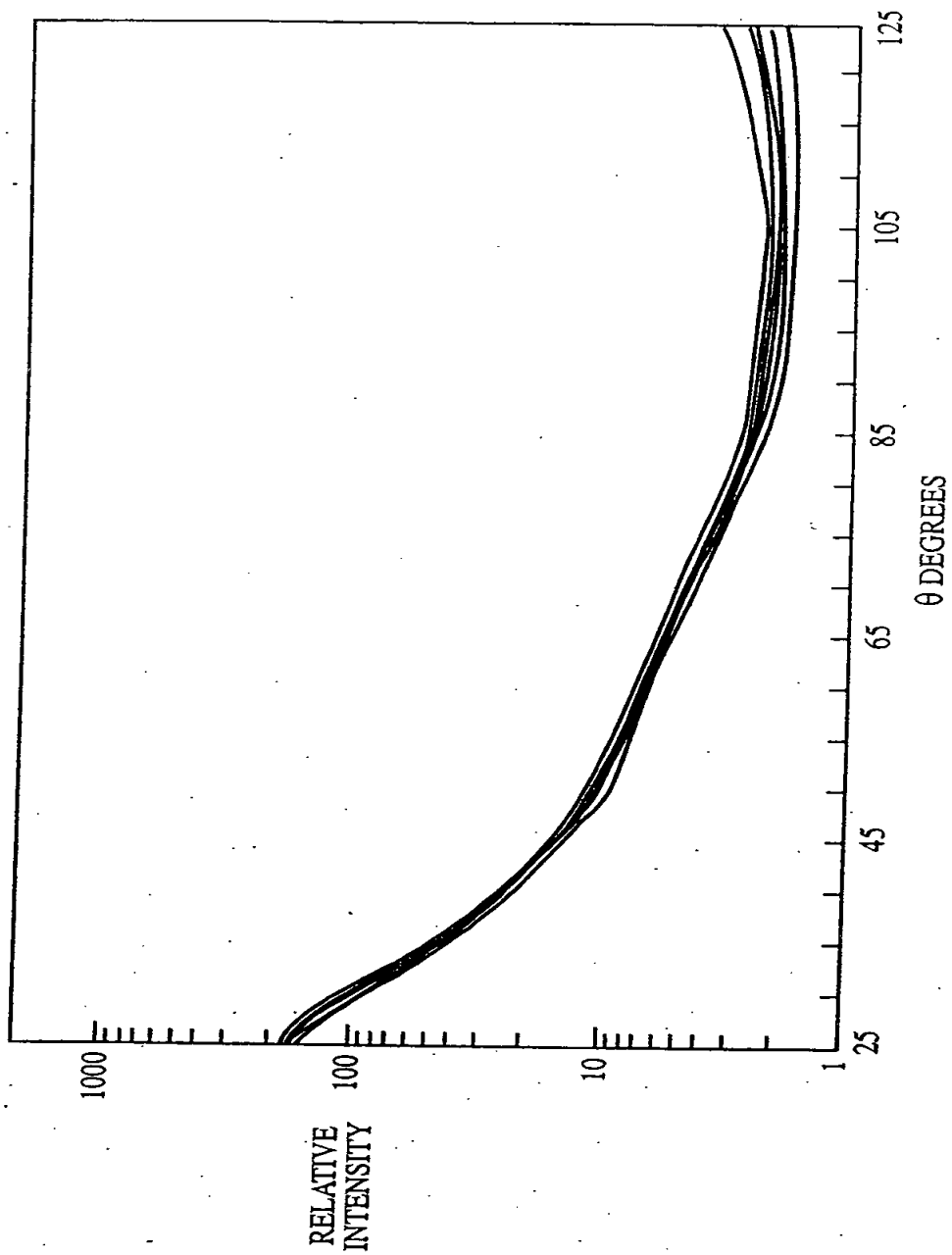
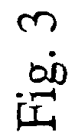


Fig. 2

100-443887-100



ORIGINAL FILED

10091260 US2602

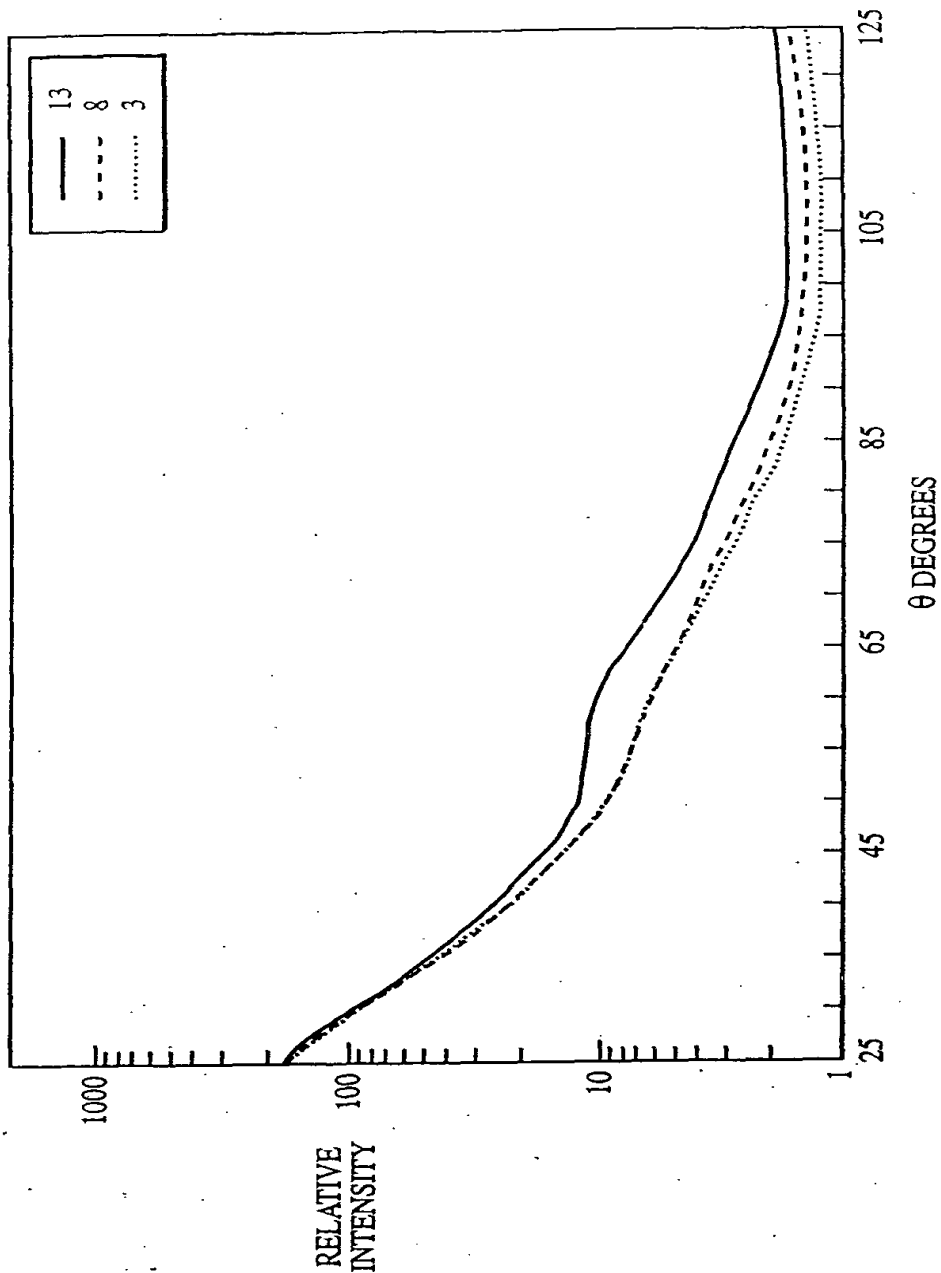
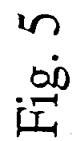


Fig. 4



OF APPENDIX  
 C.11.11

1009250'0326001

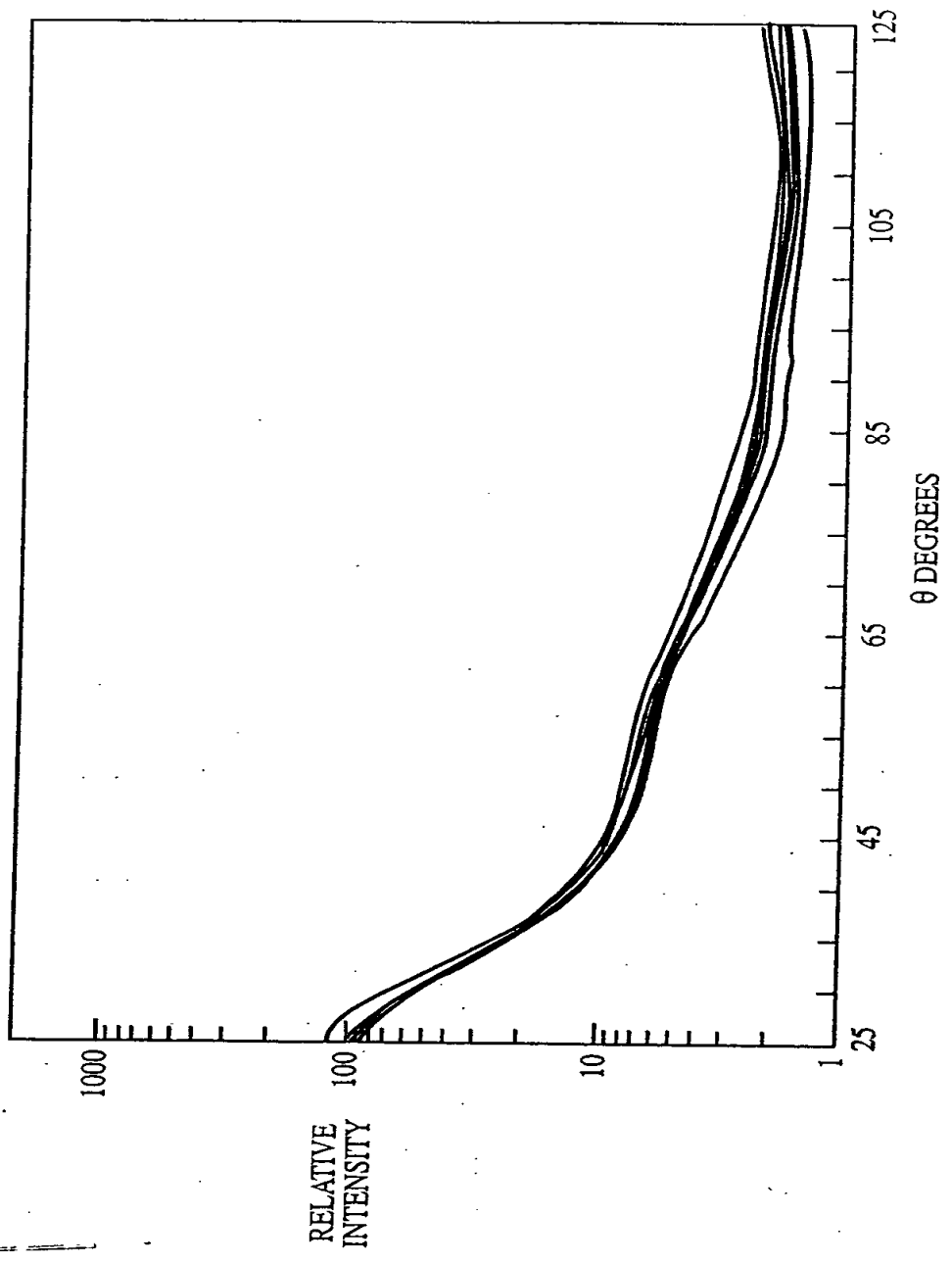


Fig. 6

**Title:** Methods, Compositions and Kits for Biological Indicator of Sterilization Invents: Ira Cecil Felkner, et al. Appl. No.: 10/091,260  
**Attorney Docket No.:** 61-2US Cust. No. 000570

[illegible]

Patent & Trademark Office  
AUG 26 2002  
OIPM  
JC147

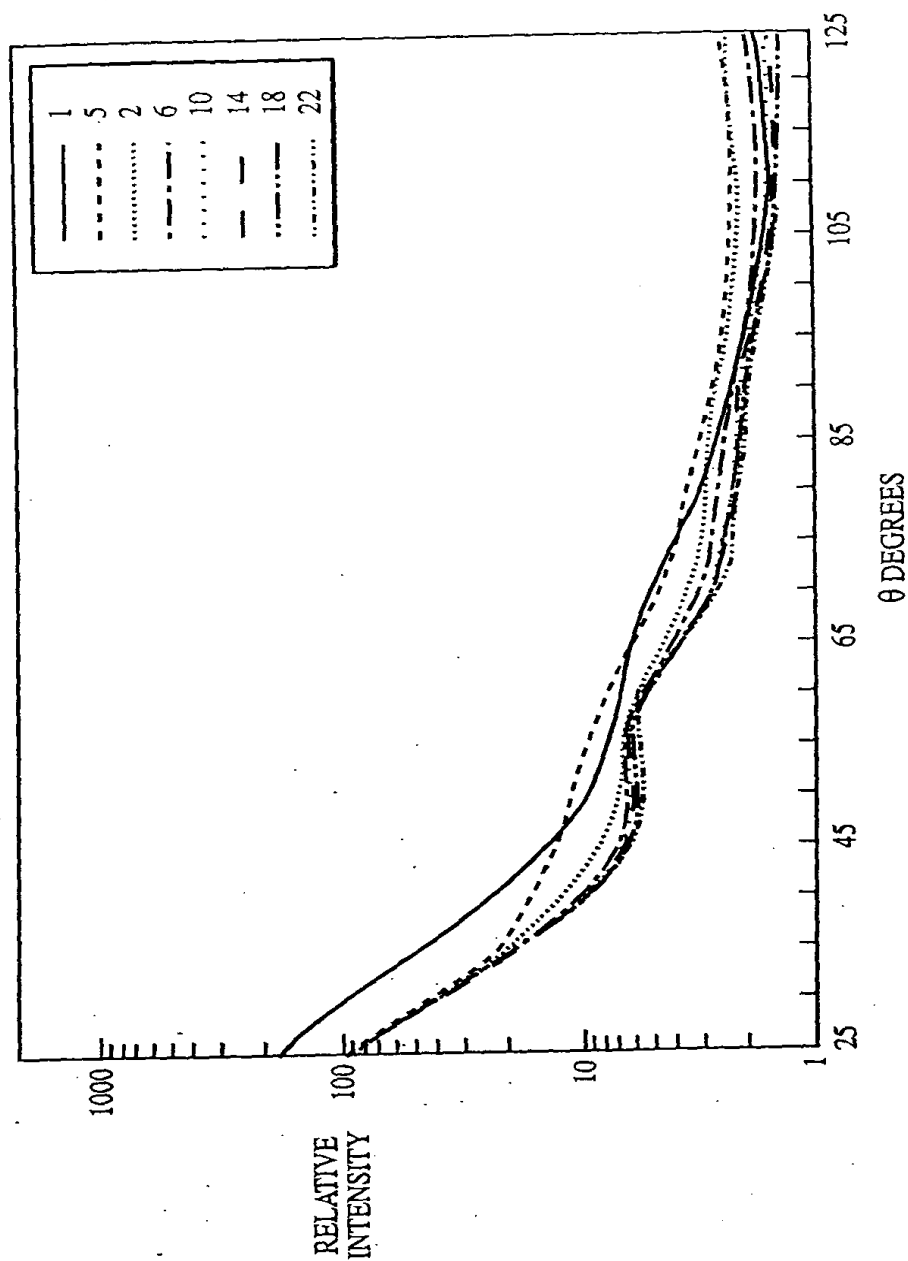


Fig. 7

205250 05215001

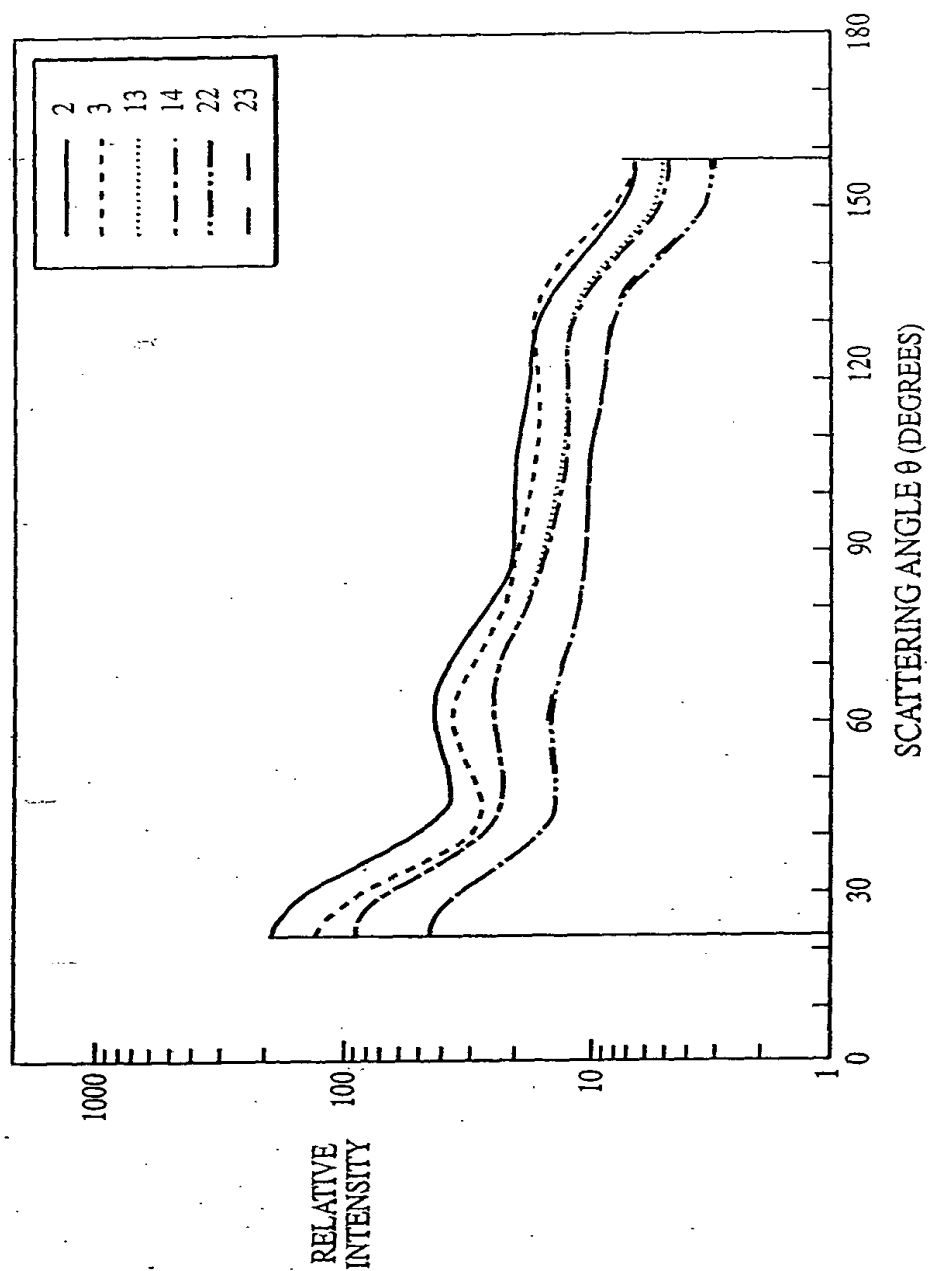


Fig. 8A



Falkner, et al. Appln. No.: 10/091,260  
Atty Docket No. 61-2U5 Cust. No. 000570

Felkner, et al. Appl. No.: 10/091,260

Indicator of Sterilization Inventors: Ira Cecil

Methods, Compositions and Kits for Biolog

The figure consists of 12 sequential diagrams labeled 'a' through 'l', illustrating the stages of a water droplet's impact on a surface. The diagrams are arranged in two rows of six. The top row (a-f) shows the initial impact and the formation of a crown. The bottom row (g-l) shows the progression of the crown's growth and the eventual spreading of the droplet. Labels include 'a', 'b', 'c', 'd', 'e', 'f', 'g', 'h', 'i', 'j', 'k', and 'l'.

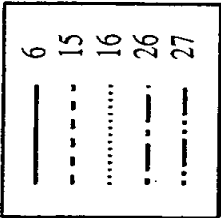


Fig. 8B



ORIGINAL FILED

20050707 000000

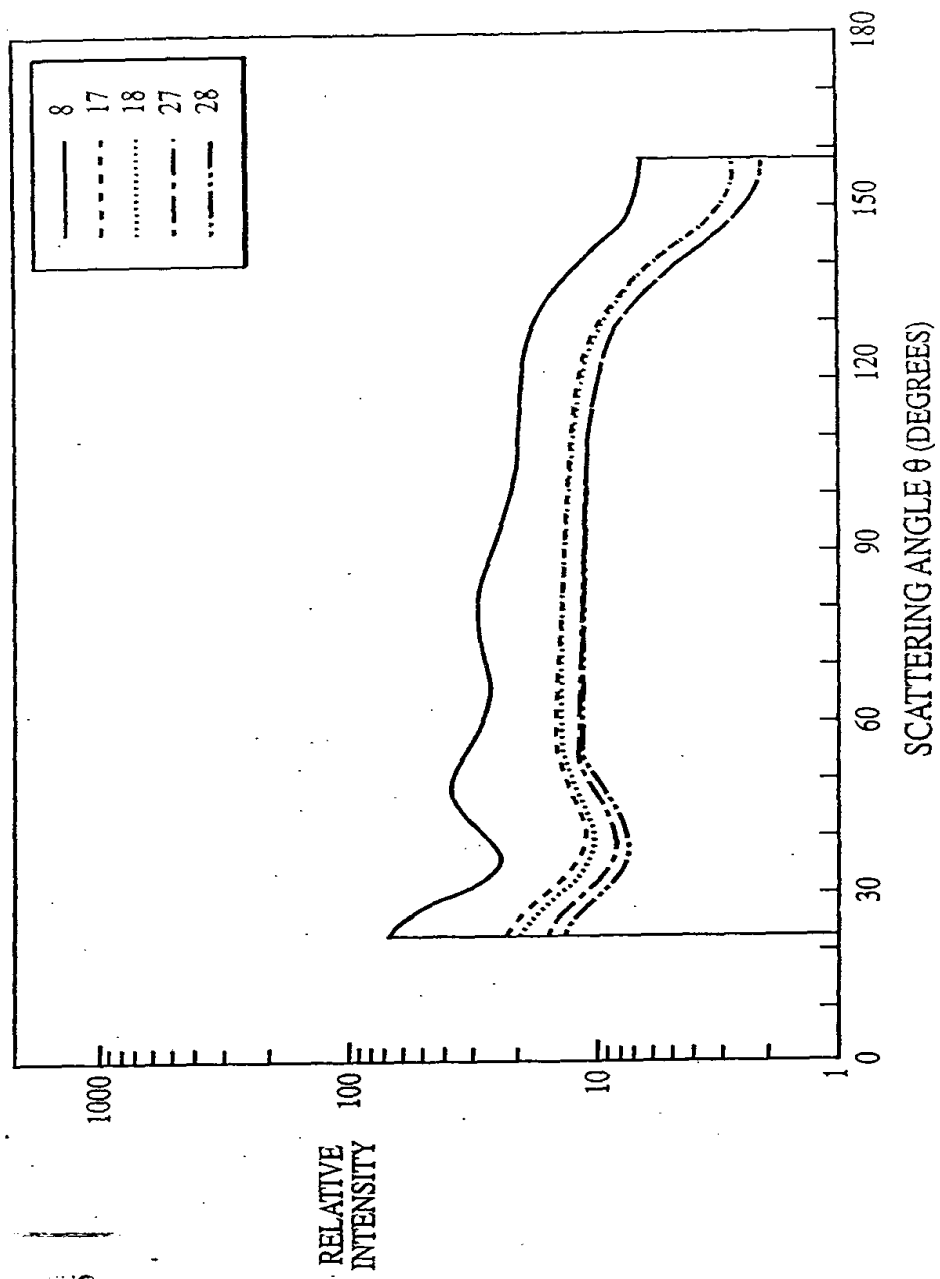


Fig. 8C

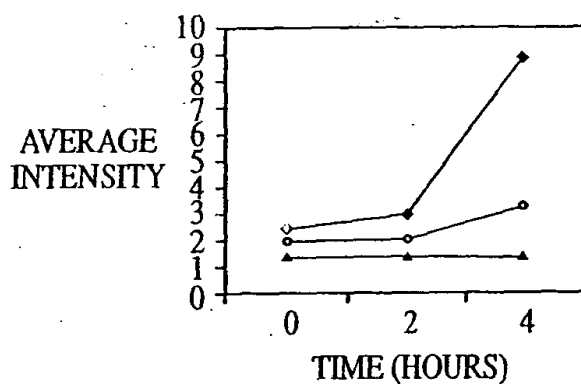


Fig. 9A

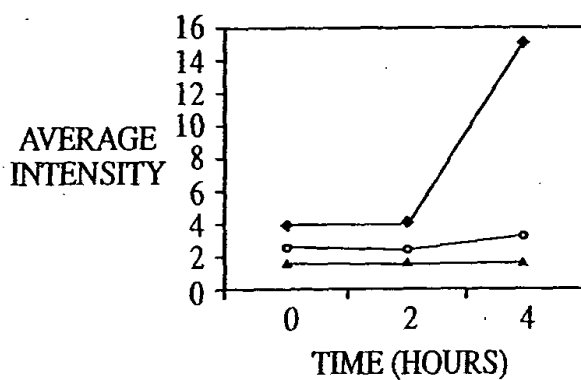


Fig. 9B

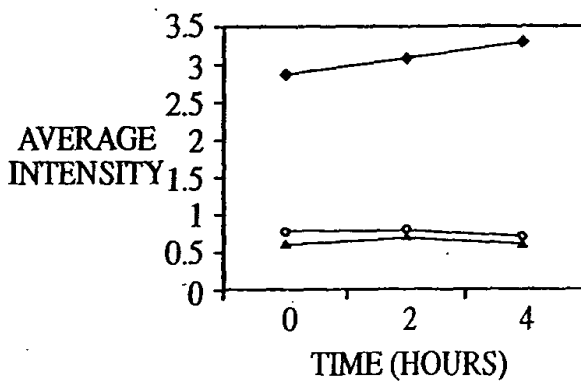
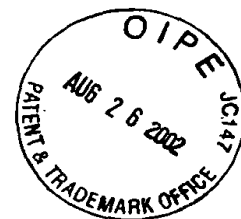
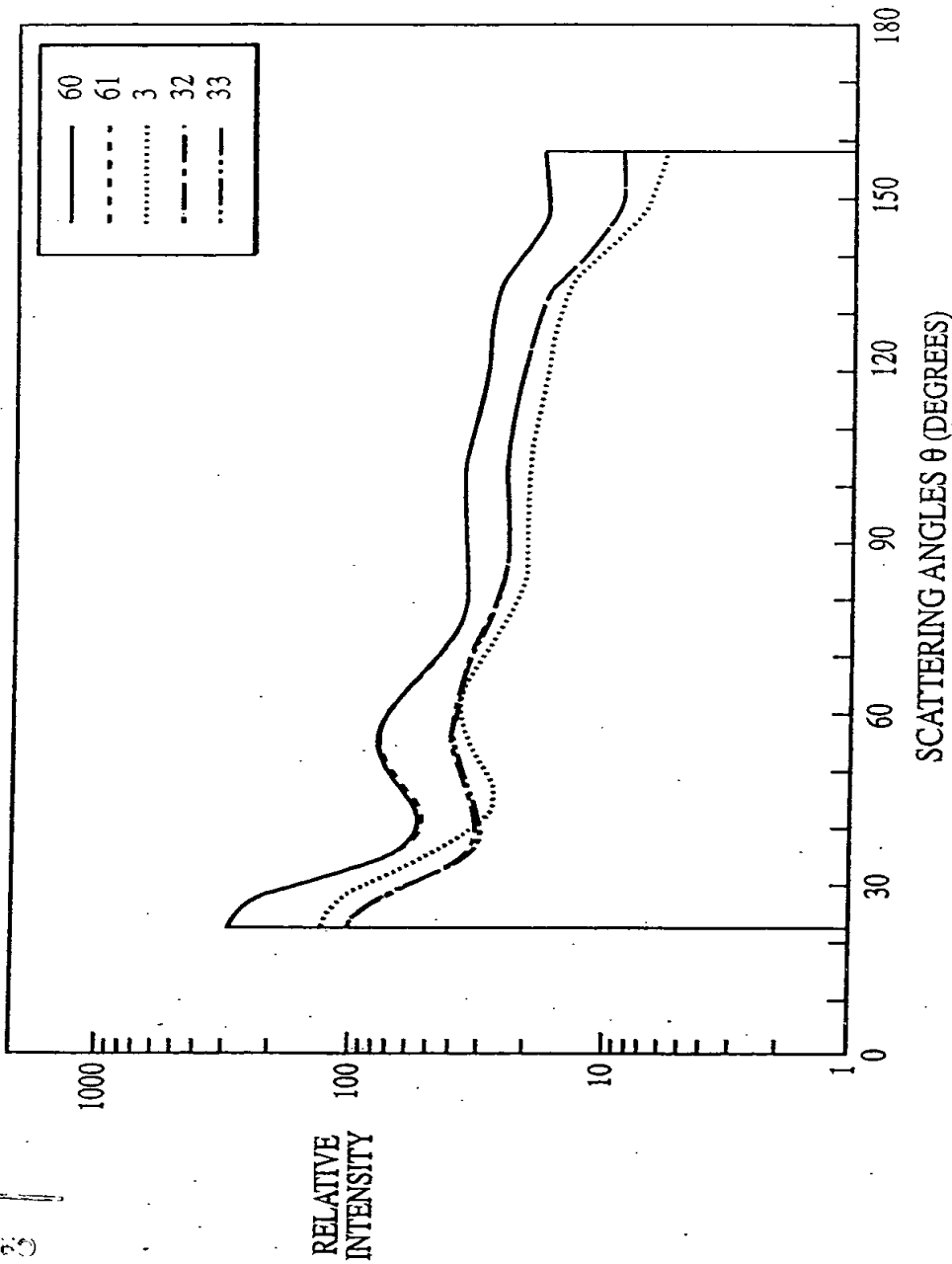


Fig. 9C



**Title:** Methods, Compositions and Kits for Biological Indicator of Sterilization Inventors: Ira Cecil Felkner, et al. Appl. No.: 10/091,260  
**Atty Docket No.** 61-2US-Cust. No. 030570

Fig. 10



**EQUINE**



Felkner, et al. App'n. No.: 10/091,260  
Atty Docket No. 61-205 Cust. No. 000570

Indicator of Sterilization Inventors: Ira Cecil

**a: Methods, Compositions and Kits for Biolog**

# THE

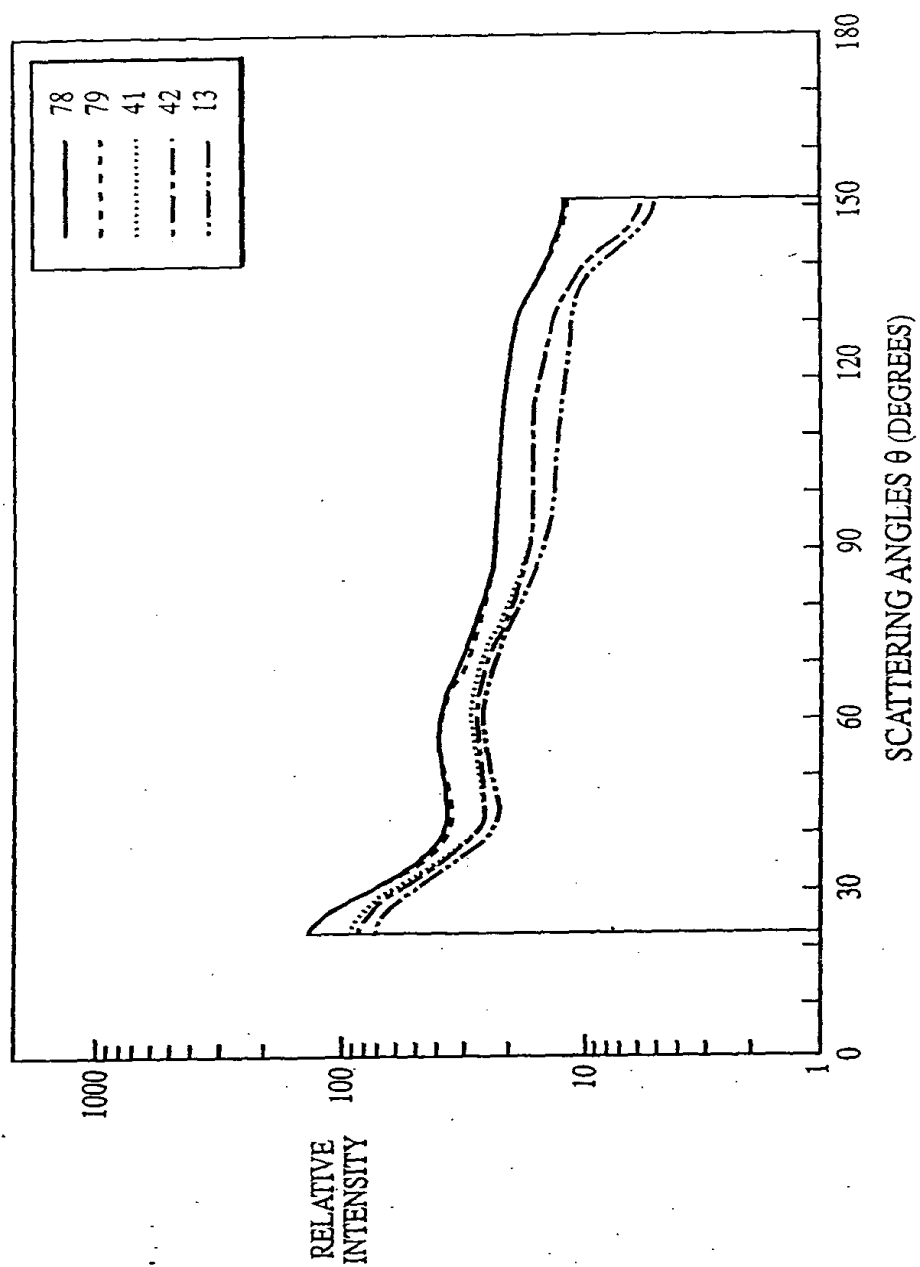


Fig. 11

Felkner, et al. Appln. No.: 10/091,260  
Atty Docket No. 81-205 Cust. No. 000579

Folkner, et al.

Felkner, et al. Appln. No.: 10/091,260  
Atty Docket No. 81-205 Cust. No. 000579

100-443887-100

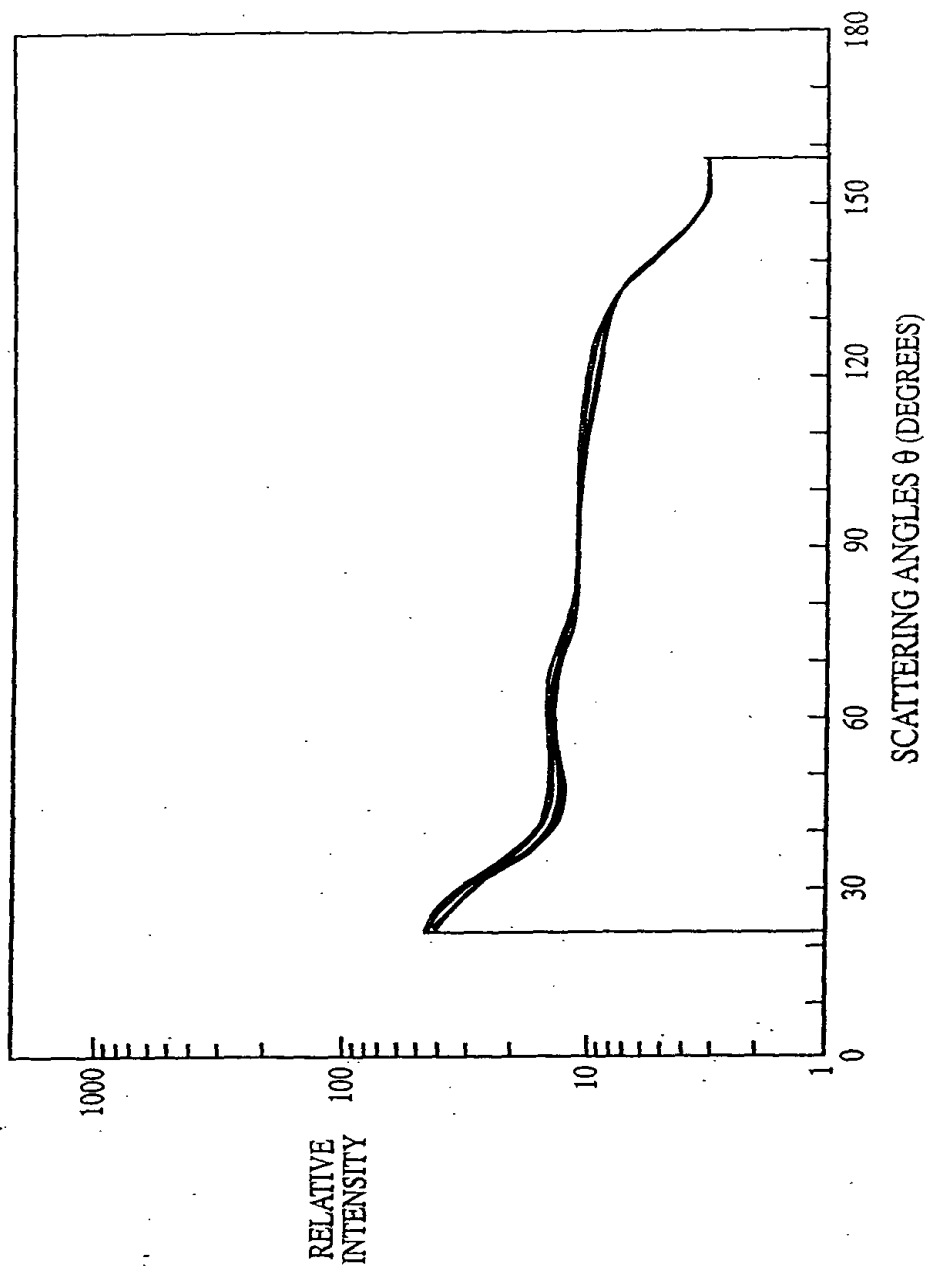


Fig. 12



Copyright © 2002  
 by Ira Cecil Felkner

STERILIZATION INDICATOR

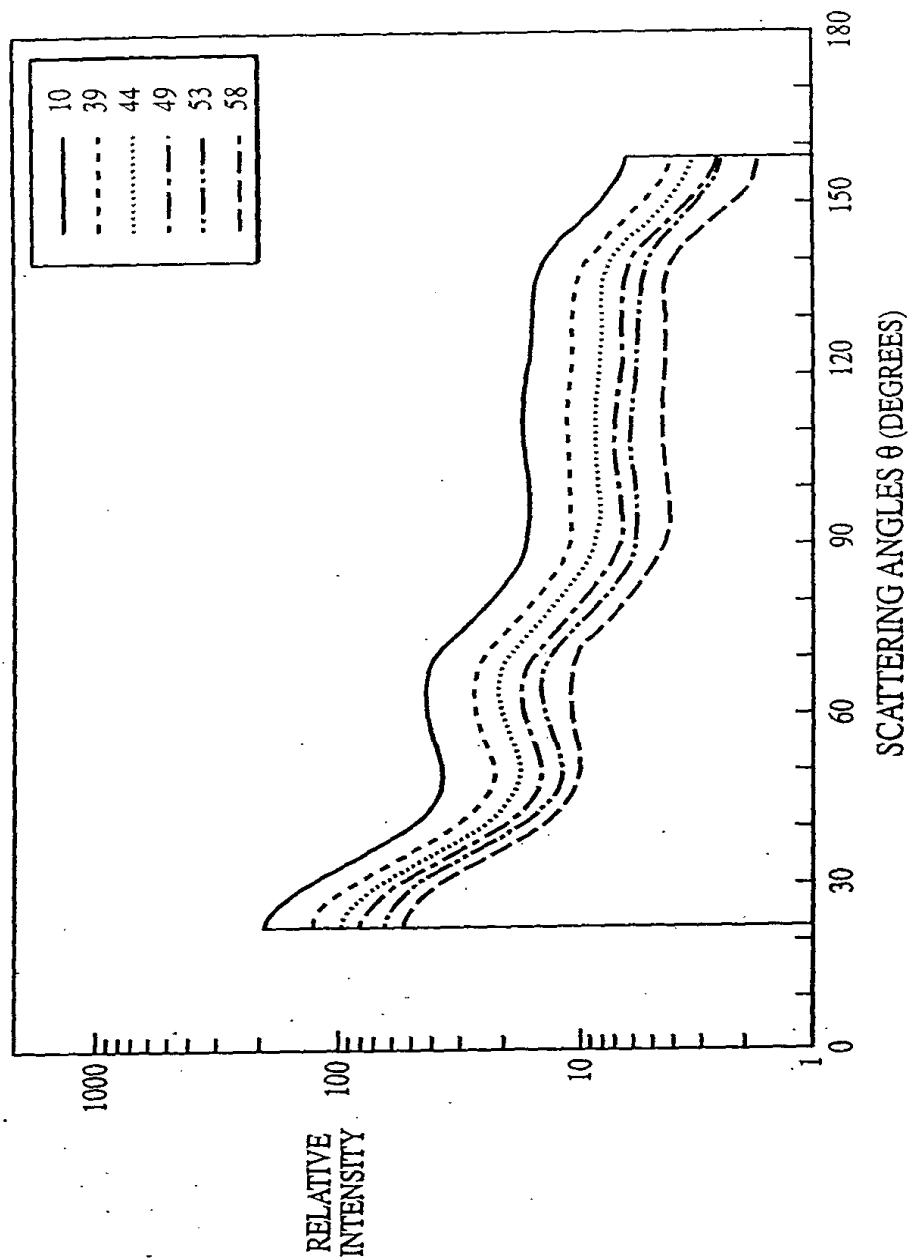
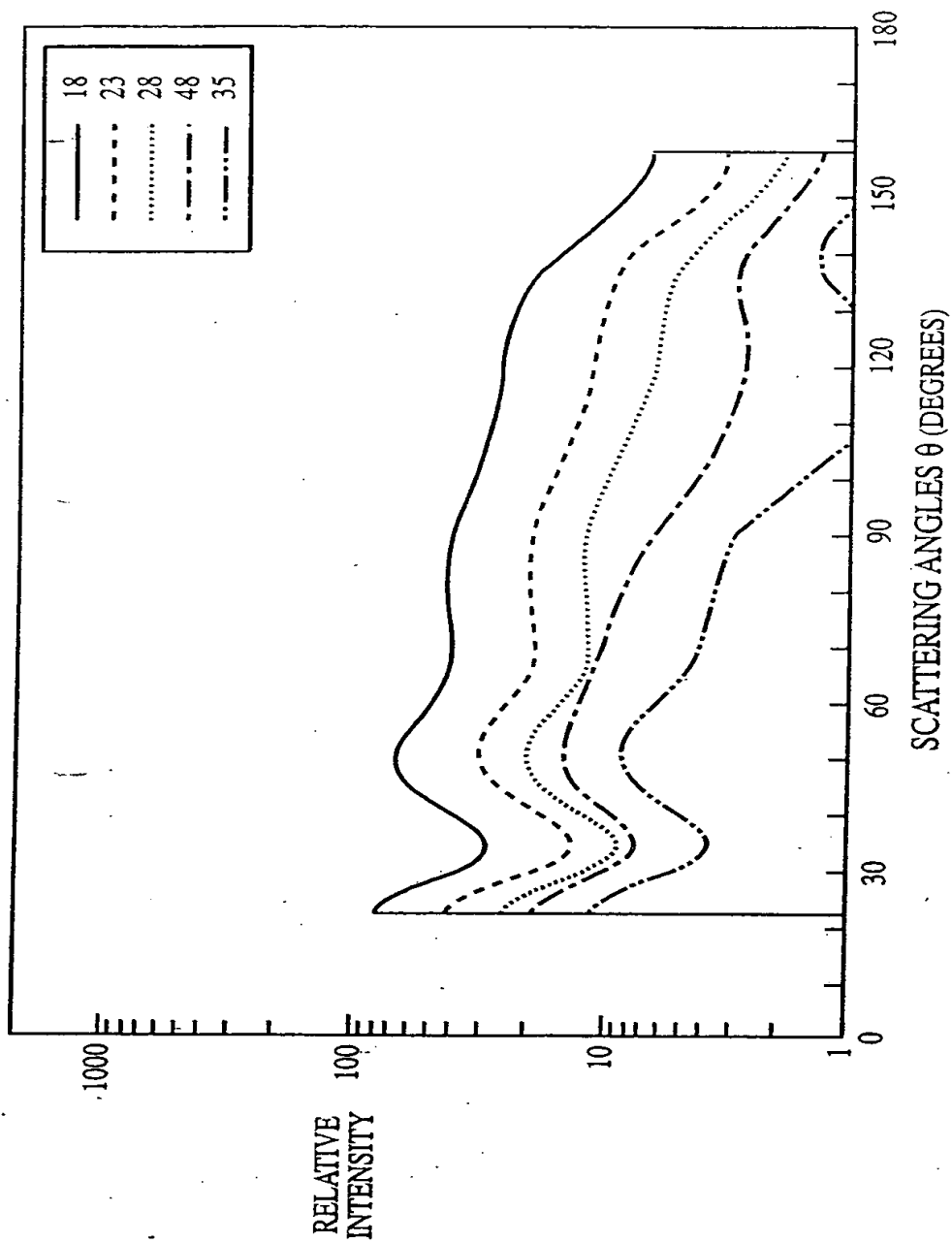
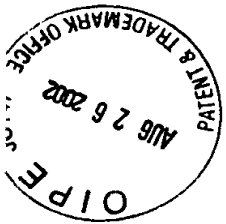


Fig. 13

Fig. 14



20050705216001





OF THE  
 (MAGNIFIED)

REPLICATES OF ICF SAMPLES

Replicates of ICF Samples

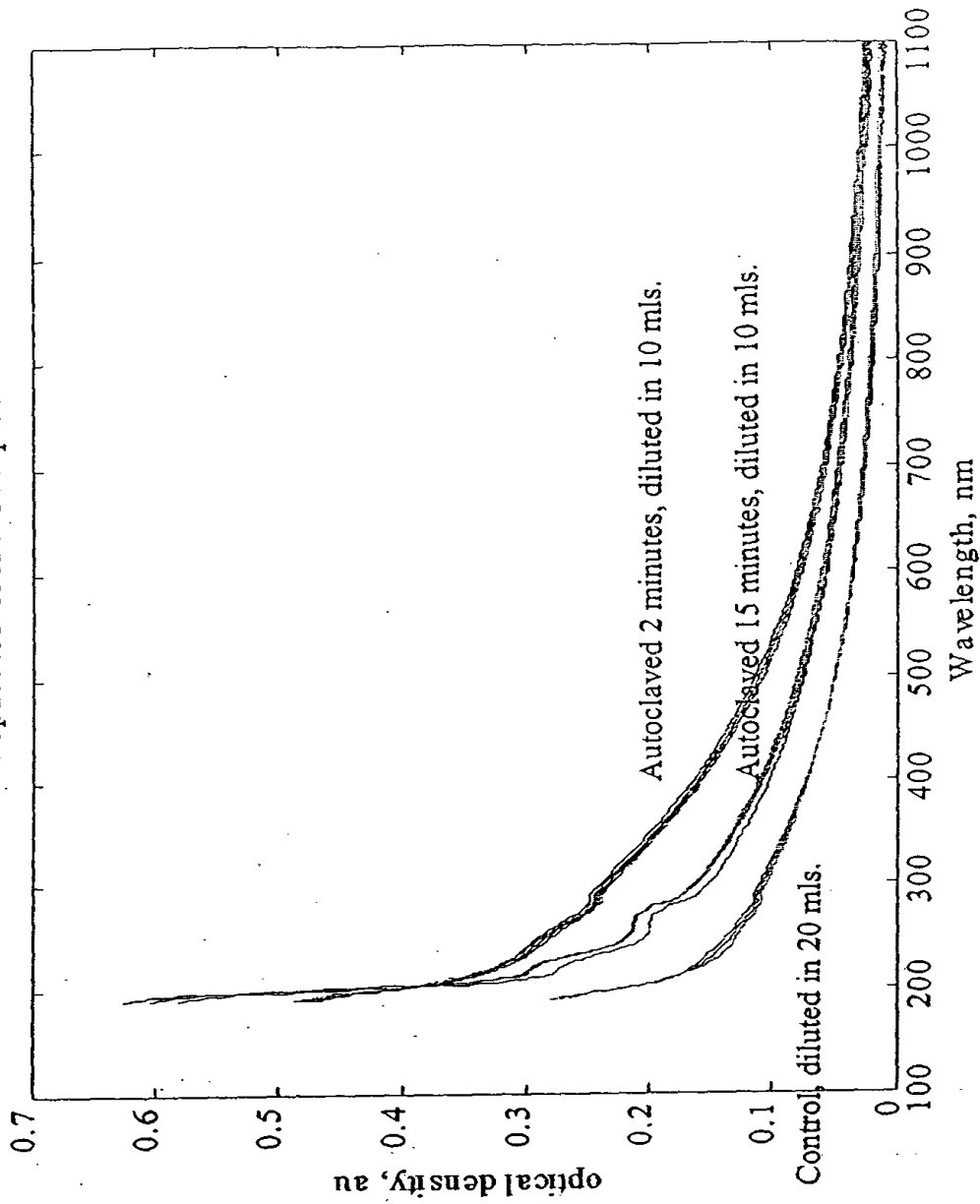


Fig. 15



Residual sum of squares = 9.58553E-04  
Res. sum of squares (Norm) = 8.134952E-02  
Standard Dev. (Residuals) = 1.320161E-03  
Standard Dev. (Norm. Res) = 1.216175E-02

**Fig. 16**





WILEY-INTERSCIENCE

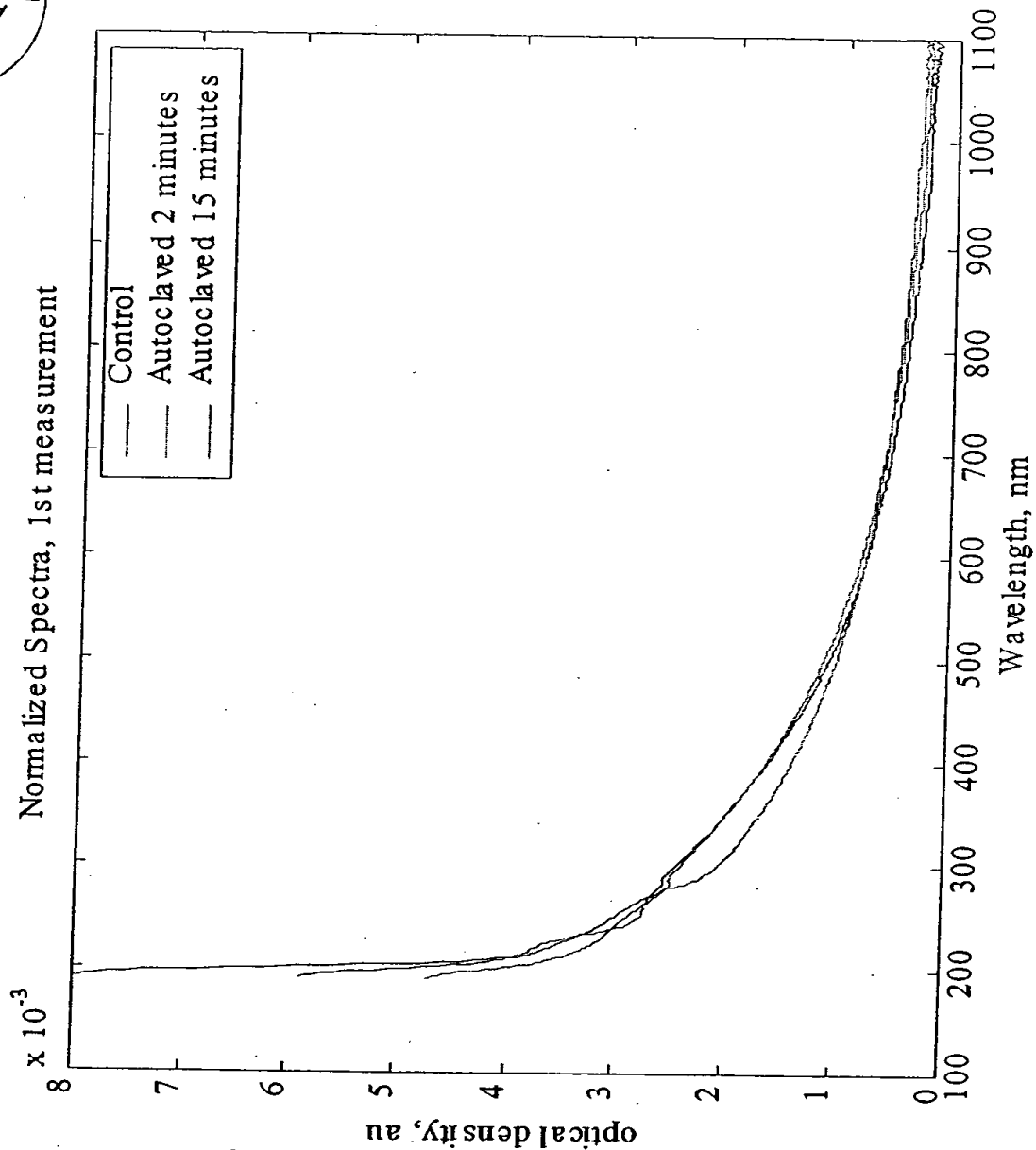


Fig. 17

Wavelength, nm

$\times 10^{-5}$

- Control
- Autoclaved 2 minutes
- Autoclaved 15 minutes

Derivative of the Optical density

Wavelength, nm

Fig. 18

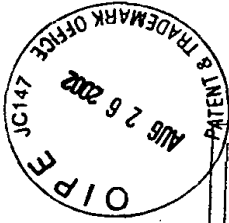


FIG. 19

Fractionation Curve of *B. subtilis* in 0.42% NaCl Solution

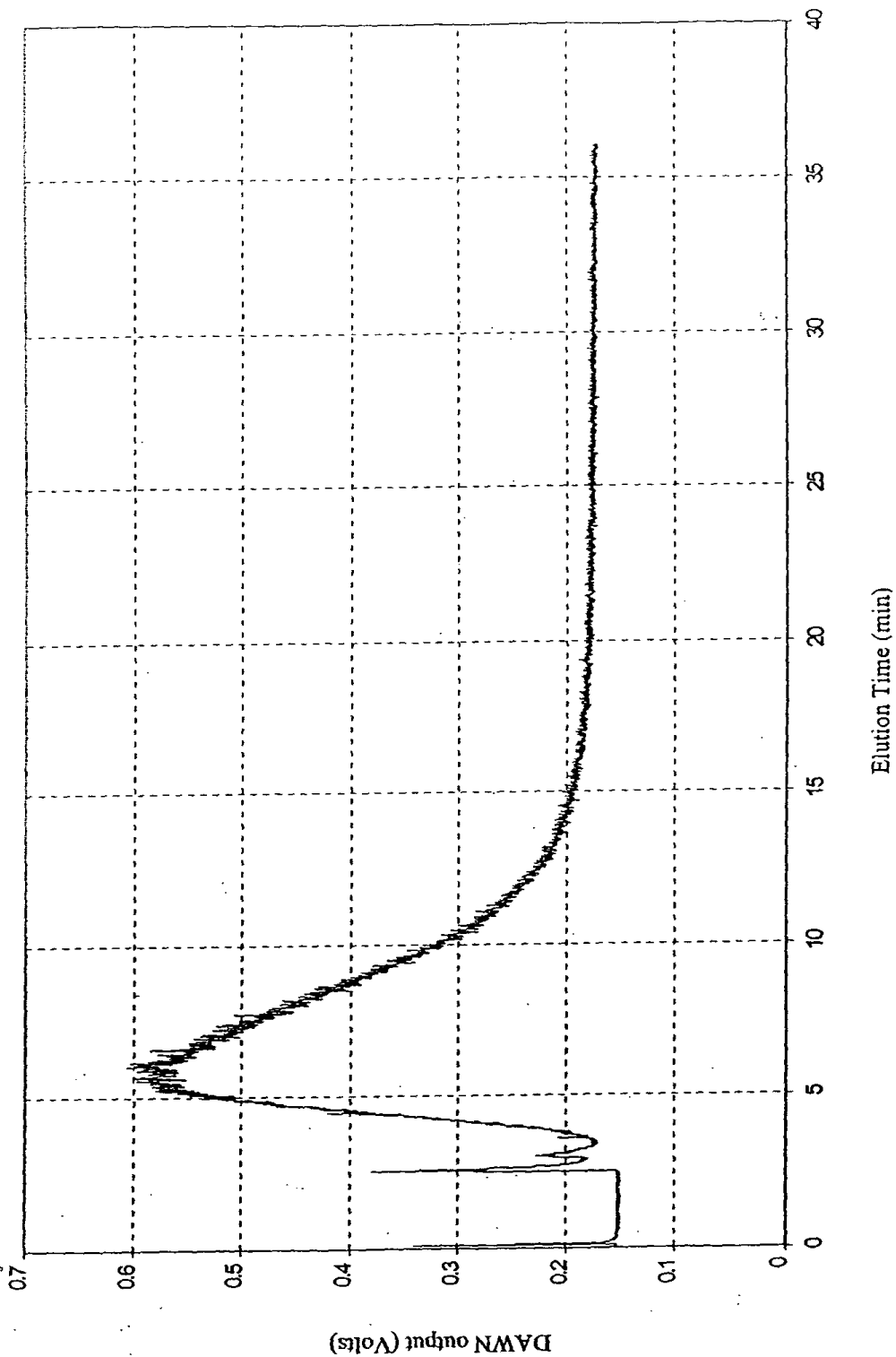
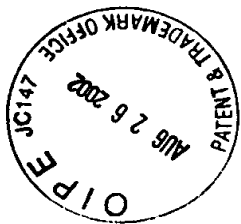
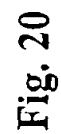


Fig. 19



100-443887-100

Rayleigh Ratio vs. Angles from DAWN -- B.subtilis



20050107 US Patent

Polar plot of *B. globigii*

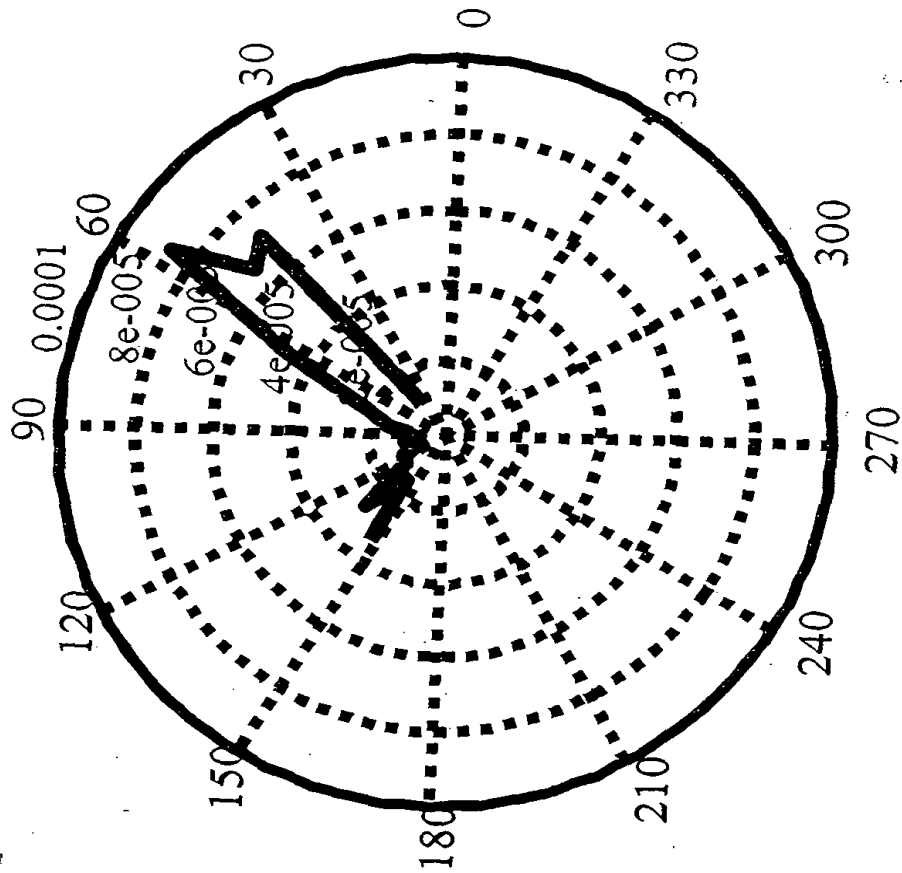


Fig. 21



011  
AUG 26 2002  
PATENT & TRADEMARK OFFICE

005280 092600

Polar plot of *B.subtilis*

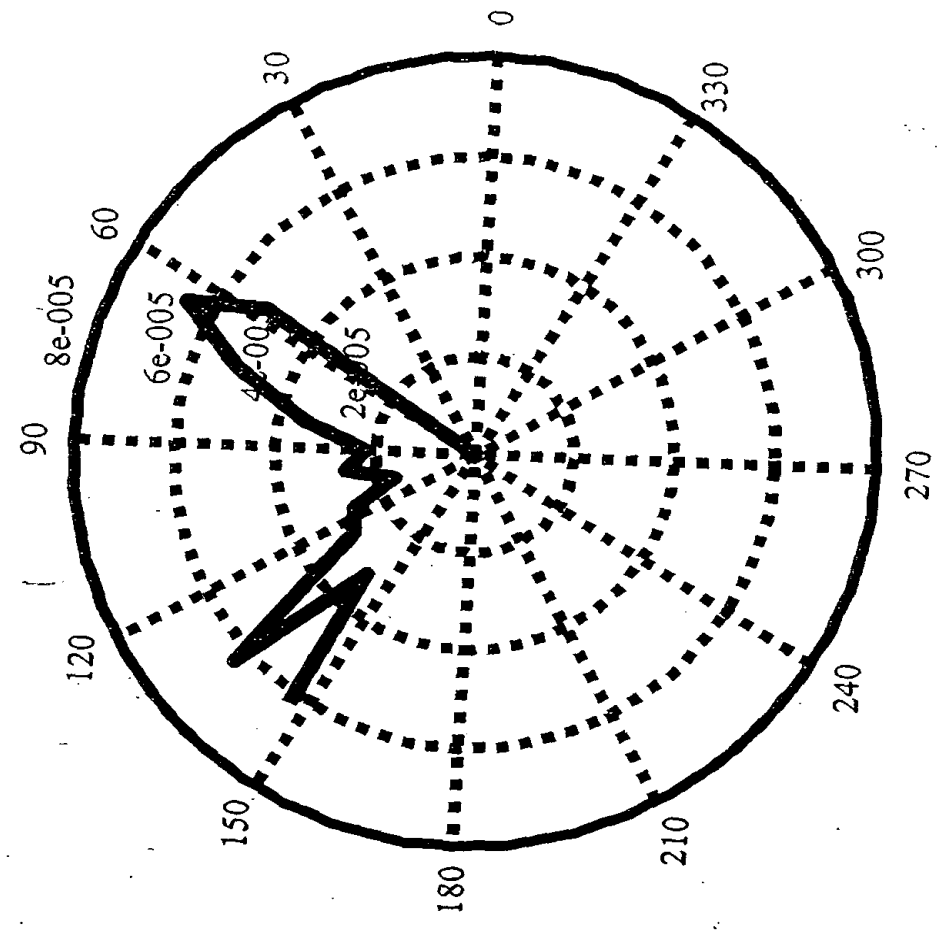


Fig. 22

Title: Methods, Compositions and Kits for Biological  
Indicator of Sterilization Inventors: Ira Cecil  
Felkner, et al. Appl. No.: 10/091,260  
Atty Docket No. 61-2US Cust. No. 000570

ORIGINAL  
FILED





209280"09276001

Experimental and Calculated Spectra, using soft particles optical properties

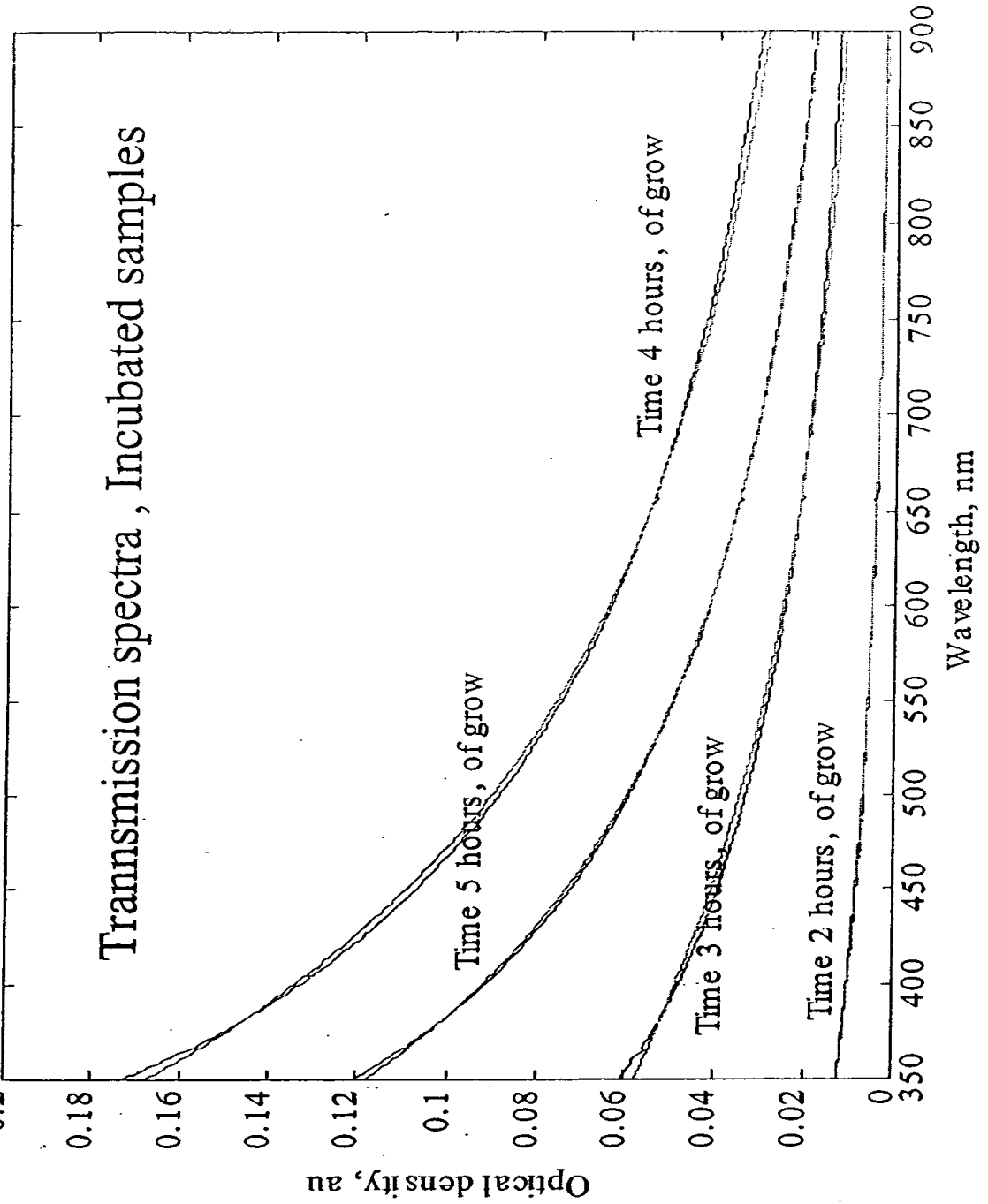


Fig. 23